

## DAFTAR PUSTAKA

- Accardo, A., Dotelli, G., Musa, M. L., & Spessa, E. (2021). Life cycle assessment of an NMC battery for application to electric light-duty commercial vehicles and comparison with a sodium-nickel-chloride battery. *Applied Sciences (Switzerland)*, 11(3), 1–32. <https://doi.org/10.3390/app11031160>
- Alkahtani, M., Ziout, A., Salah, B., Alatefi, M., Elgawad, A. E. E. A., Badwelan, A., & Syarif, U. (2021). An insight into reverse logistics with a focus on collection systems. *Sustainability (Switzerland)*, 13(2), 1–24. <https://doi.org/10.3390/su13020548>
- Ansah, R. (2023). Dampak Kendaraan Listrik Terhadap Lingkungan dan Sumberdaya Alam: Isu Mutakhir dalam Transportasi Berkelanjutan. *Journal Of Health And Medical Research*, 3(1), 208–211.
- Anshori, A., Siswojo, B., & Hasanah, R. N. (2020). Teknik Fast Charging Baterai Lithium-Ion Menggunakan Logika Fuzzy. *Jurnal Ecotipe (Electronic, Control, Telecommunication, Information, and Power Engineering)*, 7(1), 26–37. <https://doi.org/10.33019/ecotipe.v7i1.1384>
- Ariqoh Bawindaputri, T., & Rahayu Lestari, E. (2022). Analisis Keberlanjutan Rantai Pasok Apel Di Kabupaten Malang Menggunakan Dinamika Sistem. *Jurnal Teknologi Industri Pertanian*, 32(2), 121–136. <https://doi.org/10.24961/j.tek.ind.pert.2022.32.2.121>
- Bappenas. (2020). *Ekonomi Sirkular - LCDI. Low Carbon Development Indonesia*. <https://lcdi-indonesia.id/ekonomi-sirkular/>
- Bappenas. (2021). Ringkasan Bagi Pembuat Kebijakan: Manfaat Ekonomi, Sosial, dan Lingkungan dari Ekonomi Sirkular di Indonesia. Dalam *JANUARY (Vol. 202)*.
- Chen, Y., Kang, Y., Zhao, Y., Wang, L., Liu, J., Li, Y., Liang, Z., He, X., Li, X., Tavajohi, N., & Li, B. (2021). A review of lithium-ion battery safety concerns: The issues, strategies, and testing standards. Dalam *Journal of Energy Chemistry (Vol. 59, hlm. 83–99)*. Elsevier B.V. <https://doi.org/10.1016/j.jechem.2020.10.017>
- Coenen, J., van der Heijden, R. E. C. M., & van Riel, A. C. R. (2023). Expediting the Implementation of Closed-Loop Supply Chain Management: a Facilitated Case

- Study on Re-using Timber in Construction Projects. *Circular Economy and Sustainability*, 3(1), 93–124. <https://doi.org/10.1007/s43615-022-00186-6>
- Dragomir, V. D., & Dumitru, M. (2022). Practical solutions for circular business models in the fashion industry. *Cleaner Logistics and Supply Chain*, 4, 2–6. <https://doi.org/10.1016/j.clscn.2022.100040>
- Ecadin. (2022, Oktober 26). Pengembangan Baterai EV dan Tren Teknologinya. *Energy Academy Indonesia*. <https://www.ecadin.org/pengembangan-baterai-ev-dan-tren-teknologinya/>
- El Bilali, H. (2019). The multi-level perspective in research on sustainability transitions in agriculture and food systems: A systematic review. *Dalam Agriculture (Switzerland)* (Vol. 9, Nomor 4, hlm. 5–10). MDPI AG. <https://doi.org/10.3390/agriculture9040074>
- Energy Agency, I. (2020). *Global EV Outlook 2020 Entering the decade of electric drive?* <https://www.iea.org/reports/global-ev-outlook-2020>
- Engel Hauke, Hertzke Patrick, & Siccardo Giulia. (2019). Second-life EV batteries: The newest value pool in energy storage.
- Fanani, A. Z., Rosyida, E., & Puspitorini, S. (2022). Pemodelan Sistem Reverse Logistic Pet Bottle Bekas Menggunakan Konsep Vendor Managed Inventory. *Smart City And Sustainable Development Goals*, 1(1), 15–19.
- Fatimah, Y. A., Kannan, D., Govindan, K., & Hasibuan, Z. A. (2023). Circular economy e-business model portfolio development for e-business applications: Impacts on ESG and sustainability performance. *Journal of Cleaner Production*, 415, 2–10. <https://doi.org/10.1016/j.jclepro.2023.137528>
- Fuaddi, R., Sudarno Putra, D., Purwanto, W., Dwiyani, N., hamka, J., UNP Air Tawar Padang Indonesia, K., Tinggi Ilmu Pelayaran, S., Jl Marunda Makmur Cilincing, J., Utara, J., & Jakarta, D. (2023). Studi Perkembangan Ekosistem Kendaraan Listrik di Kota Padang. *MSI Transaction on Education*, 4, 2721–4893. <https://doi.org/10.46574/mted.v4i2.108>
- González-Sánchez, R., Settembre-Blundo, D., Ferrari, A. M., & García-Muiña, F. E. (2020). Main dimensions in the building of the circular supply chain: A literature

- review. Dalam Sustainability (Switzerland) (Vol. 12, Nomor 6, hlm. 2–11). MDPI. <https://doi.org/10.3390/su12062459>
- Guo, S., Shen, B., Choi, T. M., & Jung, S. (2017). A review on supply chain contracts in reverse logistics: Supply chain structures and channel leaderships. *Journal of Cleaner Production*, 144, 387–402. <https://doi.org/10.1016/j.jclepro.2016.12.112>
- Hermawan, S., & Amirullah. (2016). Metode Penelitian Bisnis Pendekatan Kuantitatif & Kualitatif.
- Imawan, A. P., & Prasongko, D. (2022). Inovasi Pembelajaran Daring: Analisis Multi-Level Perspective Dalam Platform Digital Pembelajaran Daring Di Indonesia. *Matra Pembaruan*, 6(2), 147–158. <https://doi.org/10.21787/mp.6.2.2022.147-158>
- Kirchherr, J., Reike, D., & Hekkert, M. (2017). Conceptualizing the circular economy: An analysis of 114 definitions. *Resources, Conservation and Recycling*, 127, 221–232. <https://doi.org/10.1016/J.RESCONREC.2017.09.005>
- Korhonen, J., Nuur, C., Feldmann, A., & Birkie, S. E. (2018). Circular Economy as an Essentially Contested Concept. *Journal of Cleaner Production*, 175, 544–552. <https://doi.org/10.1016/j.jclepro.2017.12.111>
- Korlantas Polri. (2023, November 12). Jumlah Data Kendaraan per Pulau. Electronic Registration Identification. <http://rc.korlantas.polri.go.id:8900/eri2017/laprekappulau.php>
- Lejarza, F., & Baldea, M. (2020). Closed-loop real-time supply chain management for perishable products. *IFAC-PapersOnLine*, 53(2), 11458–11463. <https://doi.org/10.1016/j.ifacol.2020.12.584>
- Ma, C. mei. (2022). Impacts of demand disruption and government subsidy on closed-loop supply chain management: A model based approach. *Environmental Technology and Innovation*, 27, 3–6. <https://doi.org/10.1016/j.eti.2022.102425>
- Mallick, P. K., Salling, K. B., Pigosso, D. C. A., & McAlloone, T. C. (2023). Closing the loop: Establishing reverse logistics for a circular economy, a systematic review. Dalam *Journal of Environmental Management* (Vol. 328, Nomor 2, hlm. 11458–11463). Academic Press. <https://doi.org/10.1016/j.jenvman.2022.117017>
- Marcos, J. T., Scheller, C., Godina, R., Spengler, T. S., & Carvalho, H. (2021). Sources of uncertainty in the closed-loop supply chain of lithium-ion batteries for electric

- vehicles. *Cleaner Logistics and Supply Chain*, 1, 2–14.  
<https://doi.org/10.1016/j.clscn.2021.100006>
- Maulvi Aldi Nauri, M., Sulthoni Aziz, M., Yusuf Zenidin Zidan Pratama, M., Kamal, U., & Adymas Hikal Fikri, M. (2024). Strategi Penanganan Limbah Baterai Kendaraan Listrik Demi Masa Depan Indonesia yang Lebih Bersih (Vol. 5624, Nomor 5).  
<http://jurnal.kolibi.org/index.php/kultura>
- Mehrabi, S., Perez-Mesa, J. C., & Giagnocavo, C. (2022). The Role of Consumer-Citizens and Connectedness to Nature in the Sustainable Transition to Agroecological Food Systems: The Mediation of Innovative Business Models and a Multi-Level Perspective. *Agriculture (Switzerland)*, 12(2), 2–10.  
<https://doi.org/10.3390/agriculture12020203>
- Moradi, A., & Vagnoni, E. (2018). A multi-level perspective analysis of urban mobility system dynamics: What are the future transition pathways? *Technological Forecasting and Social Change*, 126, 231–243.  
<https://doi.org/10.1016/j.techfore.2017.09.002>
- Nanayakkara, P. R., Jayalath, M. M., Thibbotuwawa, A., & Perera, H. N. (2022). A circular reverse logistics framework for handling e-commerce returns. *Cleaner Logistics and Supply Chain*, 5, 2–5. <https://doi.org/10.1016/j.clscn.2022.100080>
- Nurmelasari, E. E., & Ridho, W. F. (2023). Pemanfaatan Penggunaan dan Pengoperasian Mesin Otomatis pengelolaan Sampah Botol Plastik (RVM) pada Masyarakat berbasis Ekonomi Sirkuler di kota D.I Yogyakarta. *Jurnal Pelayanan dan Pengabdian Masyarakat Indonesia (JPPMI)*, 2(2), 121–129.  
<https://doi.org/10.55606/jppmi.v2i2.389>
- Osunmuyiwa, O., Biermann, F., & Kalfagianni, A. (2018). Applying the multi-level perspective on socio-technical transitions to rentier states: the case of renewable energy transitions in Nigeria. *Journal of Environmental Policy and Planning*, 20(2), 143–156. <https://doi.org/10.1080/1523908X.2017.1343134>
- Pagliaro, M., & Meneguzzo, F. (2019). Lithium battery reusing and recycling: A circular economy insight. *Dalam Heliyon* (Vol. 5, Nomor 6). Elsevier Ltd.  
<https://doi.org/10.1016/j.heliyon.2019.e01866>

- Pemerintah Indonesia. (2019). Peraturan Presiden Nomor 55 Tahun 2019 Tentang Percepatan Program Kendaraan Bermotor Listrik Berbasis Baterai (Battery Electric Vehicle) untuk Transportasi Jalan. [www.peraturan.go.id](http://www.peraturan.go.id)
- Perdana, F. A. (2021). Baterai Lithium. *INKUIRI: Jurnal Pendidikan IPA*, 9(2), 113. <https://doi.org/10.20961/inkuiri.v9i2.50082>
- Purwani, A., Sutopo, W., Hisjam, M., & Widiyanto, A. (2024). Approach For Determining Cut-off Values For Electric Motorcycle Swap Battery Before The End-of-life In The Recycling Classification. *Journal of Applied Science and Engineering*, 28(4), 811–820. [https://doi.org/10.6180/jase.202504\\_28\(4\).0013](https://doi.org/10.6180/jase.202504_28(4).0013)
- Ribeiro da Silva, E., Lohmer, J., Rohla, M., & Angelis, J. (2023). Unleashing the circular economy in the electric vehicle battery supply chain: A case study on data sharing and blockchain potential. *Resources, Conservation and Recycling*, 193, 2–9. <https://doi.org/10.1016/j.resconrec.2023.106969>
- Richter, J. L. (2022). A circular economy approach is needed for electric vehicles. Dalam *Nature Electronics* (Vol. 5, Nomor 1, hlm. 5–7). Nature Research. <https://doi.org/10.1038/s41928-021-00711-9>
- Shu San, G., Wahjudi, D., & Tanoto, Y. Y. (2021). Remanufacturing: Strategi dan Desain dalam Rantai Pasok Lingkaran Tertutup. *Jurnal Teknik Mesin*, 18(2), 51–59. <https://doi.org/10.9744/jtm.18.2.51-59>
- Siahaan, A., Asrol, M., Gunawan, F. E., & Alamsjah, F. (2021). Formulating the Electric Vehicle Battery Supply Chain in Indonesia. *TEM Journal*, 10(4), 1900–1911. <https://doi.org/10.18421/TEM104-54>
- Simonetto, M., Sgarbossa, F., Battini, D., & Govindan, K. (2022). Closed loop supply chains 4.0: From risks to benefits through advanced technologies. A literature review and research agenda. Dalam *International Journal of Production Economics* (Vol. 253, hlm. 2–11). Elsevier B.V. <https://doi.org/10.1016/j.ijpe.2022.108582>
- Tavana, M., Kian, H., Nasr, A. K., Govindan, K., & Mina, H. (2022). A comprehensive framework for sustainable closed-loop supply chain network design. *Journal of Cleaner Production*, 332, 2–3. <https://doi.org/10.1016/j.jclepro.2021.129777>

- Tran, M. K., Rodrigues, M. T. F., Kato, K., Babu, G., & Ajayan, P. M. (2019). Deep eutectic solvents for cathode recycling of Li-ion batteries. *Nature Energy*, 4(4), 339–345. <https://doi.org/10.1038/s41560-019-0368-4>
- Tulus, V., & Sidabutar, P. (2020). Kajian pengembangan kendaraan listrik di Indonesia: prospek dan hambatannya. *Jurnal Paradigma Ekonomika*, 15(1), 2085–1960.
- Udin, Moch. B., & Nurdyansyah. (2018). *Buku Ajar Metodologi Penelitian Pendidikan* (E. F. Fahyuni, Ed.; 1 ed.). UMSIDA Press.
- Wijaya, N. M. A., Kumara, I. N. S., & Divayana, Y. (2021). Perkembangan Baterai dan Charger untuk Mendukung Pemasarakatan Sepeda Listrik di Indonesia. *Jurnal SPEKTRUM*, 8(1), 15. <https://doi.org/10.24843/spektrum.2021.v08.i01.p3>
- Yudha, S. W., Tjahjono, B., & Longhurst, P. (2022). Sustainable Transition from Fossil Fuel to Geothermal Energy: A Multi-Level Perspective Approach. *Energies*, 15(19), 7–22. <https://doi.org/10.3390/en15197435>